

SECRET

File #997084
1 Mar 65 RPD

TID-41/65
15 February 1965

MEMORANDUM FOR: Chief, Plans and Development Staff, NPIC

ATTENTION: [REDACTED]

SUBJECT: NBS Microdensitometer Calibration Report

1. In compliance with your verbal request, [REDACTED]
TSB, has reviewed the subject report.

25X1A

2. The standards for calibrating microdensitometers, as proposed in the draft, appear to be sound. However, the problem concerning the relatively large error in length calibration is not as great with the [REDACTED] instrument because it has a direct link between specimen table and chart table. Perhaps it may be suggested to the authors of the report, that an explanation of this error, in terms of chart error and sample drive error, be included in the report.

25X1A

3. When this report is finalized and ready for distribution, TID would like ten copies.

25X1A

25X1A

[REDACTED]
Chief, Technical Intelligence Division

Attachment:
Microdensitometer Calibration Report

Distribution:

Orig. + 1 - P&DS
1 - TID/TSB w/o attach.
2 - TID w/o attach.

Declass Review by NIMA/DOD

SECRET

FROM: *CHIEF, TID*

DATE: *15 Feb. 65*

TO	INITIALS	DATE	REMARKS
DIR			
DEP/DIR			
EXEC/DIR			
ASST FOR ADMIN			
ASST FOR OPS			
ASST FOR PA			
ASST FOR P&D	<i>1</i>		
CH/CSD			
CH/PD			
CH/PSD			
CH/TID			
CIA/PID			
CH/DIA/NPIC			
CH/SPAD			
LO/NSA			

STATINTL

MFR, 24 Feb 65:

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discussed the problem of "errors". [redacted] took the copy of the report with him for re-writing & re-submission. He will also provide three Proc Dir channels, cost for 100 cpy & one set of reproductions R.F.D.

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MEMORANDUM FOR: [REDACTED]

[REDACTED] Comments are attached. I agree with what he says - a separation of the errors might be useful, inasmuch as they can certainly vary independently.

Res.

This will make a good companion-piece to our 4 Feb
(DATE)

CHL report.

FORM NO. 101 REPLACES FORM 10-101
1 AUG 54 WHICH MAY BE USED. (47)

STATINTL

MEMORANDUM FOR: [REDACTED]

A good report, as far as it goes. The new proposal on notation is very welcome indeed. I wish that they had gone more into measurement of length by breaking down the error into scanning-table and recorder-chart components, as we were trying to do with the stroboscope. Their tables on p. 11 seem to call for some comment on the source of the error. I'll try the resolution targets on our own piano soon.

2 Feb
(DATE)

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